

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-08-30
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2012-02-28
Date of Last Exhibit 300A Update: 2012-08-30
Date of Last Revision: 2012-08-30

Agency: 422 - National Science Foundation **Bureau:** 00 - Agency-Wide Activity

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: Financial and Accounting System (FAS)

2. Unique Investment Identifier (Ull): 422-000000001

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The Financial Accounting System (FAS) is currently the primary system used by NSF to monitor, control, and execute the management and financial accountability of approximately 20,000 active awards with 1500+ awardees. FAS is the financial system of record for the Foundation, managing all funding allocations, financial transaction processing, accounts maintenance, and rules processing. FAS is extensively integrated with NSF's grants management systems and FedTraveler. FAS has supported core financial processes for the Foundation for over 20 years, with only one major upgrade during that time. As a result, this legacy financial management system is aging and requires ever increasing time, effort, and funding to operate, maintain, and remain in compliance with the new federal financial management requirements. NSF is planning for a modernization called "iTRAK" that will support improved business processes, enable staff to conduct in-depth financial analysis, eliminate manual workarounds, and provide decision makers with better data to make informed business decisions. This modernization will enable NSF to better meet new and emerging requirements, to continue to improve financial performance, and to continue to improve the primary mission of supporting the financial aspects of NSF programs. Additionally, plans for modernization will support the NSF's goals and objectives for financial management, align with government-wide initiatives, such as the Financial Management Line of Business, and support the core system requirements and functionality: General Ledger,

Funds Management, Accounts Payable, Accounts Receivable, Cost, and reporting. Integrating grants financial system requirements will be key to the success of a future financial management solution as this functionality is critical to the agency's mission of funding proposals that have been judged the most promising by the rigorous and objective merit-review process at an annual agency budget of approximately \$7B and monitoring program performance and results. The current FAS design has been customized over the years to support NSF's grants and financial management processes as well as to minimize manual re-keying and data input processes. This legacy system will remain in steady-state until NSF converts to a modern financial system. Currently, NSF is in the planning stages for this effort which is being reported under the iTRAK initiative. iTRAK moves into implementation in FY2013.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

The FAS Investment is currently in "steady-state" operations and maintenance mode until NSF converts to a modern financial system. Any performance gaps in support of the mission delivery and management support areas will be addressed by NSF's new financial modernization investment, which is being reported under the iTRAK initiative.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

All system enhancements made in support of Federal and Agency mandates were successfully implemented. This legacy system will remain in "steady-state" operations and maintenance mode until NSF converts to a modern financial system. Currently, NSF is in the planning stages for this effort, which is being reported under the iTRAK initiative.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

NSF's plan is to keep FAS in "steady-state" operations and maintenance mode until NSF converts to a modern financial system. Consequently, major FAS accomplishments anticipated for Fiscal Years 2012 and 2013 will be limited to preparatory activities anticipating the transition to this modern financial system.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

1995-06-01

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.0	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$0.0	\$0.0	\$0.0	\$0.0
DME (Including Planning) Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	0	0	0	0
O & M Costs:	\$3.3	\$3.5	\$3.3	\$1.5
O & M Govt. FTEs:	\$1.8	\$1.8	\$1.8	\$1.8
Sub-Total O & M Costs (Including Govt. FTE):	\$5.1	\$5.3	\$5.1	\$3.3
Total Cost (Including Govt. FTE):	\$5.1	\$5.3	\$5.1	\$3.3
Total Govt. FTE costs:	\$1.8	\$1.8	\$1.8	\$1.8
# of FTE rep by costs:	8	8	8	8
Total change from prior year final President's Budget (\$)		\$5.3	\$5.1	
Total change from prior year final President's Budget (%)				

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded		NSFDACS09T1713	GS06F0334Z	4730							
Awarded		NSFDACS08D1536	GS23F9806H	4730							
Awarded		NSFDACS0733650	GS00T99ALD0202	4735							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
FAS is in Steady State and its maintenance activities are exempt from EVM at this time per OMB Guidance.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-08-30

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
3822	Preparation for iTRAK Migration (FAS)	Activities related to preparing systems for integration with iTRAK.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
3822	Preparation for iTRAK Migration (FAS)							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
3822	Preparation for iTRAK Migration (FAS) - Award Cash Management System - Requirements	Requirements gathering for ACM\$	2011-10-31	2011-10-31	2011-10-31	30	0	0.00%
3822	Preparation for iTRAK	Design activities for	2011-12-31	2011-12-31	2011-12-31	60	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
	Migration (FAS) - Award Cash Management System - Design	AMC\$						
3822	Preparation for iTRAK Migration (FAS) - FAS Service Enablement - Requirements	Requirements gathering for FAS Service Enablement	2011-12-31	2011-12-31	2011-12-31	91	0	0.00%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Unqualified Audit Opinion for FY2012 Financial Statements	Percent	Mission and Business Results - Support Delivery of Services	Under target	100.000000	100.000000		100.000000	Semi-Annual
Response Time for User Access Requests	Hours	Customer Results - Timeliness and Responsiveness	Under target	6.000000	6.000000		6.000000	Semi-Annual
99.9 % of Agreed upon hours of availability	Hours	Process and Activities - Productivity	Over target	100.000000	99.900000		99.900000	Monthly
On Time Completion of Batch Jobs	Percent	Technology - Effectiveness	Over target	100.000000	100.000000		100.000000	Semi-Annual
Cost/transaction requested	Dollars	Technology - Technology Costs	Under target	0.810000	0.810000		0.800000	Semi-Annual